

Converting Colors

CIELCh(88, 105.256, 136.328)

Have a look what the booklet for
CIELCh(88, 105.256, 136.328)
contains.

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Color

CIELCh(88, 105.317, 136.346)

Conversions

Conversions Part 1

Format	Color
Hex	50FD3F
RGB	80, 253, 63
RGB Percent	31%, 99%, 25%
CMY	0.6881, 0.0092, 0.7544
CMYK	0.69, 0.00, 0.75, 0.01
HSL	115°, 98%, 62%
HSV	115°, 75%, 99%
XYZ	39.1675, 72.0653, 16.4916
YIQ	179.6130, -42.1180, -95.7660

Conversions

Conversions Part 2

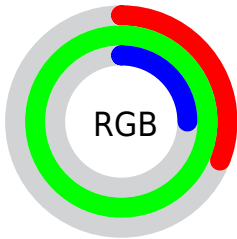
Format	Color
RYB	63, 253, 236
Decimal	5307711
CIELab	88.00, -76.20, 72.70
CIElCh	88, 105.317, 136.346
Yxy	72.0653, 0.3067, 0.5642
Android (android.graphics.Color)	4283497791 (0xFF50FD3F)
YUV	179.6130, -57.4902, -87.3606
Hunter-Lab	84.8913, -66.2026, 47.9058

Details

The CIELCh color **88, 105.317, 136.346** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **60, 104.303, 324.969**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 76.041, 135.624**, and **69, 97.882, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **87, 112.860, 135.845**, and if you desaturate by 10%, it is **89, 95.037, 137.112**.

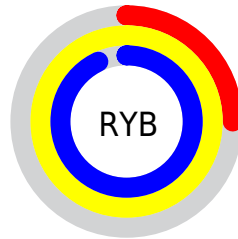
Distribution



Red (31%)

Green (99%)

Blue (25%)



Red (25%)

Yellow (99%)

Blue (93%)

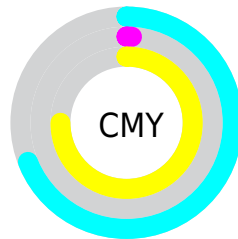


Cyan (69%)

Magenta (0%)

Yellow (75%)

Black (1%)



Cyan (69%)


Magenta (1%)


Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 105.317, 136.346 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 88, 105.317, 136.346 by changing the saturation by 10% instead.


 88, 105.317,
136.346


 88, 105.317,
136.346


 100, 105.317,
136.346


 78, 105.317,
136.346


 68, 105.317,
136.346

 58, 105.317,
136.346


 48, 105.317,
136.346


 38, 105.317,
136.346


 28, 105.317,
136.346


 18, 105.317,


136.346


 8, 105.317,
136.346


 0, 105.317,
136.346


 88, 105.317,
136.346


 88, 105.317,
136.346


 87, 112.860,
135.845


 89, 95.037,
137.112

 87, 117.252,
135.711

 90, 82.676,
138.001

 87, 118.447,
135.714

 91, 68.864,
138.903

 92, 54.126,
139.753

■ 94, 38.870,
140.519

■ 96, 23.408,
141.193

■ 98, 7.971, 141.793

99, 1.468, 324.282

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



88, 105.317, 136.346



60, 104.303, 324.969

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 105.317, 136.346



88, 105.317, 186.346



88, 105.317, 316.346



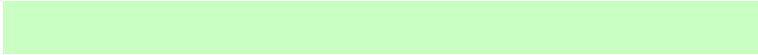
88, 105.317, 6.346

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88, 105.317, 136.347



95, 35.721, 140.675



92, 80.015, 97.906



50, 24.723, 140.417



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 105.317, 136.347



88, 116.193, 135.732



88, 81.562, 149.403



52, 8.786, 141.540



68, 95.968, 135.633



23, 43.106, 135.549

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60, 104.303, 324.969



58, 113.821, 324.920



59, 80.631, 347.171



50, 8.813, 322.476



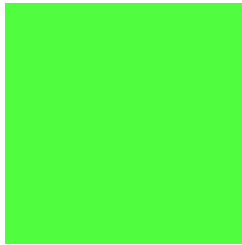
42, 93.615, 324.766



11, 43.028, 325.175

Previews

White Background



This preview shows how the CIELCh color 88, 105.317, 136.346 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 88, 105.317, 136.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 105.317, 136.346

Background



This preview shows how black text looks on a background with the CIELCh color 88, 105.317, 136.346.

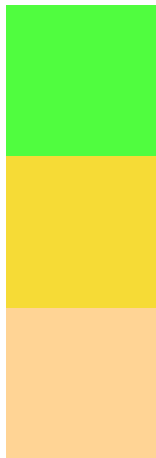


This preview shows how white text looks on a background with the CIELCh color 88, 105.317, 136.346.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

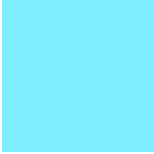
88, 105.317, 136.346

Protanopia

87, 78.029, 95.000

Deuteranopia

87, 37.430, 79.317



Tritanopia
88, 32.456, 215.517

Trichromacy



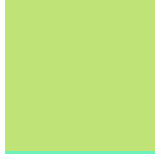
Original Color

88, 105.317, 136.346



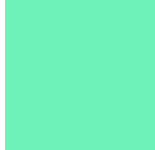
Protanomaly

86, 82.801, 116.832



Deuteranomaly

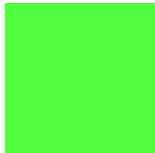
86, 56.822, 120.325



Tritanomaly

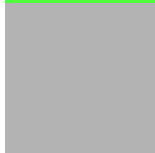
87, 52.148, 161.363

Monochromacy



Original Color

88, 105.317, 136.346



Achromatopsia

73, 0.009, 296.813



Achromatomaly

77, 43.698, 139.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 105.317, 136.346 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(80, 253, 63)` looks like.

```
.text, #text, p{  
    color:rgb(80, 253, 63)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(80, 253, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 253, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 105.317, 136.346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(80, 253, 63) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(80, 253, 63) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(80, 253, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 253, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 253, 63);  
box-shadow:4px 4px 4px 4px rgb(80, 253,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 105.317, 136.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 253, 63) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(80, 253,  
63) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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